

## ADVERTISEMENTS PUBLICATIONS.

Just published, price 1s., neatly bound in roan, with tuck, gilt edges, and lettered, a Pocket Edition of  
**A CYCLOPEDIA OF THE NEW METROPOLITAN BUILDINGS ACT**, together with the Act itself, a Police Table of the Metropolitan Districts (old and new), a List of the Surveyors, with their Residences and Offices, and a Table of Fees to be paid to the Registrar for services performed.

In the Cyclopaedia all the details of the Statute are arranged Alphabetically, so as to be instantly found, and accompanied by extensive references and counter-references to the sections of the Act itself and its minute provisions.

By the late A. BARTHOLOMEW, Esq., F.R.S., Architect, Surveyor of the Hornsey District.  
Published at the Office of "The Builder," 3, York-street, Covent-garden; and to be had of all Booksmen.

Just Published.

**LONDON ART-UNION PRIZE ANNUAL**, containing 350 Splendid Engravings on Steel, from the Original Pictures Purchased by the Art-Union of London. Large Paper Proofs, Half-morocco; Gilt Edges, 4s. 6s. Small Paper, Cloth with Device, 2s. 3s. R. A. SPRIGG, Publisher, 106, Great Russell-street, Bedford-square, London.

### DR. REID ON VENTILATION.

Lately published, 8vo., with Diagrams, and 380 Engravings on Wood, 16s., cloth.

**ILLUSTRATIONS OF THE THEORY AND PRACTICE OF VENTILATION.** By D. B. REID, M.D., F.R.S.E., With Remarks on its Relation to Sanitary Improvements, Warming, Exclusive Lighting, the Communication of Sound, Architecture and Ventilation, Personal Comfort, Length of Life, diversity of demands by different Constitutions, Fluctuation of Feelings in the same Constitution, Artificial Atmospheres, Rooms for Invalids, Ventilation of Gas and other Lamps, Mines, Ships, Manufactories, Drains, &c., &c.  
London: LONGMAN, BROWN, GREEN, and LONGMANS.

### WOOD CARVINGS.

Just Published, by JOHN WEALE, 59, Holborn, parts 1 and 2 (to be continued), price 3s. each.

**SPECIMEN DRAWINGS OF ELABORATE EMBELLISHMENTS executed in CARVED WOODS**, by the PATENT WOOD CARVING COMPANY, in the Classical, Ancient, and Modern Styles of Sculpture, practically useful to ARCHITECTS, BUILDERS, UPHOLSTERERS, CABINET, and FRAMING MAKERS, SHIP BUILDERS, PIANO-FORTE MANUFACTURERS, DECORATORS, and others.  
May be obtained, as above, and at the Office of the Company, No. 5, HENRIETTA STREET, COVENT GARDEN.

### ANALYSIS OF GOTHIC ARCHITECTURE.

This day is published, No. 15, containing the Drawings of the Choir from Wyndham Church, Norfolk, and other illustrations. Price 3s. 6d.

**AN ANALYSIS OF GOTHIC ARCHITECTURE.** BY RAPHAEL and J. ARTHUR BRANDON, Architects.

"The object of this work is to illustrate in a practical manner the various features of Ecclesiastical Architecture, including open roofs, metal works, &c., &c."

PHILIP RICHARDSON, 21, Cornhill, and all Book-sellers.

Review.—"This work contains five excellent Plates, in line lithography, which are well and professionally got up, with every requisite section of moulding, and plan, and details."

"A cheap and valuable periodical."—F. A. PALRY'S "Guide to the Churches round Cambridge."

In demy 8vo., with numerous Plans and Diagrams, price 13s.  
**THE PRINCIPLES AND PRACTICE OF ENGINEERING** and other Surveying, by CHARLES BOURN, M. Inst. C. E.

### OPINIONS OF THE PRESS.

"This is a truly useful book; in the second part of it we have good and sound practical instruction on engineering and other surveying. . . . We have no hesitation in saying that this work will be a complete guide in the hands of the student."—*The Builder*.

"His practice in field work and engineering surveying generally is, of itself, a volume of instruction to the young practitioner, and without entering into abstruse formulas and mathematical calculations as to make the work passing, it contains all that is required to render it not only a source of instruction, but also a most excellent work of reference."—*Mining Journal*.  
London: JOHN OLLIVIER, 59, Pall Mall.

### PATENT OFFICE, 5, CHANCERY-LANE, NEAR FLEET-STREET.

**INVENTORS** requiring protection by **LETTERS PATENT** should apply direct to the **PATENT OFFICE**, as above, where Patents can be speedily procured for the United Kingdom, &c., and by which a great saving of expense will be effected. **CAVEATS** are entered at this office, fee 1s. 6d. **DESIGNS** of all kinds are **REGISTERED**. Apply at the **PATENT OFFICE**, 5, Chancery-lane, near Fleet-street.

**FIRE PROTECTIVE AND GENERAL BUILDINGS IMPROVEMENT COMPANY** (Provisionally Registered), for the Preservation of Life and Property from Fire, and Security from Robbery.

In consequence of the continual applications from Builders and others for Licenses to use the Company's Patents, the Committee hereby give notice, that so soon as the complete registration of the deed of Settlement is effected, the List of Charges will be duly announced, and the Directors will be ready to grant licenses. Agents will be required in every principal town throughout the kingdom: surveyors or builders will be preferred, to whom a liberal commission will be allowed. Full particulars may be known by applying at the Office, No. 9, Lincoln's-Inn Fields, where models and plans may be inspected.—By order, W. F. BRAY, Secretary.

**WILSON'S PATENT VENTILATING SPIRAL CHIMNEY POT**, for the cure of smoky chimneys (manufactured by J. PORTER), is the ONLY article for the purpose which assists the draft of the chimney by an external propelling power. Upwards of fifty have been recently fixed on the chimneys of Buckingham Palace, and several on Windsor Castle, with great success. This Chimney-pot is not only the best and most effectual ever invented for the purpose named, but stands unrivalled in its ornamental appearance. The public may be supplied with the above useful article by any of the respectable ironmongers, or at the sole manufactory, Southwark-bridge Iron Working Works.

### TO BUILDERS—KENSINGTON PARK, NOTTING HILL.

**TO BE LET**, several plots of **BUILDING GROUND**, beautifully situated; roads and sewers made, and gardens laid out; decidedly the best situation round London. Bricks can be had on the ground, if approved, and other assistance if required. For further particulars apply to Mr. W. REYNOLDS, Estate Office, Clarendon-terrace.

### TO BUILDERS, CABINET-MAKERS, AND UPHOLSTERERS.

**TO BE DISPOSED OF, BY PRIVATE CONTRACT**, the STOCK IN TRADE and GOOD WILL of an old-established BUILDING CABINET-Manufactory and Upholsterers Business, which has for many years past been carried on in a town in the western part of Dorsetshire. The valuable and commodious premises where the business has been conducted, consisting of an excellent dwelling-house, with extensive workshops, storehouses, and offices, may be purchased with the stock, or taken on lease, for a term of years, at the option of the purchaser.—Further particulars may be obtained on application to Mr. P. COX, solicitor, Beaminster, Dorset.

**SPACIOUS BUILDING GROUND**, in the heart of the City, to be LET on a BUILDING LEASE. The site comprises Old Founders' Hall, Lothbury (extending from east to west seventy feet and from north to south thirty feet), and a further space in connection with it suitable for purposes of an additional entrance to the Premises. Persons willing to tender for these Premises on a Building Lease are hereby informed that a Committee will meet here on Thursday, the 16th of October next, at one o'clock precisely, to take such Tenders into consideration.—Particulars may be obtained by applying at Founders' Hall, or to J. B. GARDINER, Esq., Architect, 4, Bank Chambers, Lothbury, where a Plan of the Premises may be seen. By Order, J. GRAY, Junr., Clerk.  
Founders' Hall, 16th September, 1845.

### NEW STREET FROM FARRINGTON STREET TO CLERKENWELL GREEN.

**GROUND TO LET ON BUILDING LEASES.**—The Clerkenwell Improvement Commissioners propose to let for the purposes of building Fourteen Acres or Lots of Ground, situated on both sides of a New Street to be called "Victoria-street," leading northwards from Farrington-street to Clerkenwell, and to the proposed Station of the London and York Railway; unto parties tendering the highest rents for the same above a minimum reserved rent, under certain conditions. Printed particulars of which, and also the Ground Plan of the said Allotments, and the Plan and Elevation of the proposed Buildings thereon, may be seen, on applying at the office of Mr. R. C. CARPENTER, Surveyor to the Commissioners, No. 99, Guildford-street, Russell-square.

**WILLIAM BURCHELL**, Clerk to the Commissioners.  
N.B.—Persons desirous of taking one or more Lots of Ground, are to make Proposals under Sealed Covers, indorsed "Tender for Ground, Victoria-street," and addressed to the Clerkenwell Improvement Commissioners, at their office, No. 24, Red Lion-square (where printed Forms of the Conditions of the Contract may be had), by or before Twelve o'clock on Monday, the 30th day of October next.

### SALES BY AUCTION.

#### MARBLE CHIMNEY PIECES.

**MR. H. BERS** will SELL by AUCTION, at Wheatcroft's Wharf and Warehouses, Fleet-street, Paddington, on Thursday, 9th October, at Twelve o'clock, a very superior selection of well-made and well-finished CHIMNEY PIECES, comprising Statuary, Vases, Dove, Black, Monchella, Ridella, Celdons, and other Marbles. The above can be recommended as well worth the inspection of the Trade, Builders, and others. Catalogues are preparing, and, when ready, will be sent post-free to any part of the Kingdom.—12, Dorset-place, Dorset-square. Approved bills at three months in a purchase of 35s. and upwards.

### SURREY FREEHOLDS, AFFORDING VOTES FOR THE COUNTY.

**MESSRS. MUSGROVE AND GADSDEN** have received instructions to SELL by AUCTION, at the Auction Mart, on Tuesday, October 14, at 12 o'clock, Fourteen Lots of valuable Building Ground in the Parish of Horley, adjoining the Station of the Brighton Railway, having Frontages upon good Roads, and the whole well situated and adapted for Building purposes. To be viewed. Particulars may be obtained at the King's Arms Inn, Horley; Grapes, Reigate; at the Auction Mart; and at Messrs. MUSGROVE and GADSDEN'S Offices, 18, Old Broad-street.

### TO BUILDERS AND SMALL CAPITALISTS.—EIGHT LEASEHOLD BRICK-BUILT CARCASSES AT ISLINGTON.

**MESSRS. RUSHWORTH and JARVIS** will SELL by AUCTION, at Gurnaway's, on Friday, Oct. 10, in four lots, by order of the executors, eight well-built carcasses of private houses, planned to contain six rooms each, roofed in, with arched vaults in front, and garden in the rear, situated in the very improving neighbourhood of the Hauxington-road, in the parish of Islington, forming part of a new street on the west side thereof, intended to be called Grace-street. The property is leasehold for a term of 97 years, and a separate ground-rent of 4s. 6d. per annum will be affixed to each house. The principal part of the purchase-money may remain on mortgage, if required.—Printed particulars may be had of Mr. Clayton, "Button Arms," Chalk-road, who will point out the property; also of Messrs. CHAMBERLAYNE and MEADEN, solicitors, 31, Great James-street, Bedford-row; and at the offices of Messrs. RUSHWORTH and JARVIS, surveyors and auctioneers, Sarville-row, Regent-street, and 19, Change-alley, Cornhill.

### ROYAL ADELAIDE GALLERY.—

**NOVEL ENTERTAINMENT.**—Atmospheric Railway, with explanatory lectures. The New Zealand Chief, Pahia Range, will give a course of Lectures on the Manners and Customs of New Zealand, in the evenings of Monday, Wednesday, and Friday next. Mr. Russell continues to deliver his unequalled Lectures on Character, Tuesday, Thursday, and Saturday evenings. Lectures on Science, &c., Daily, including Major Benbow's Artificial Memory; Beale's Rotatory Steam-engine; Kollman's Locomotive Engine for ascending inclines on Railways. Every Evening a grand Promenade Concert, supported by first-rate talent, both vocal and instrumental.

**FIRST Introduction to the Visitors of the ROYAL POLYTECHNIC INSTITUTION** of Dr. Ryan's Lecture, which illustrates Masters' Patent Process for making Artificial Ice, Daily, at Half-past Three o'clock, and in the evenings of Mondays, Wednesdays, and Fridays. Dr. Ryan will occasionally introduce Mons. Boulligny's experiment of making ice in a Red-hot Crucible. Professor Bechhofer's varied Lectures, with beautiful experiments, in one of which he clearly explains the principle of the Atmospheric Railway, a model of which is at work Daily. The New American Locomotive Engine, patented by Coleman, for ascending and descending Inclined Planes. Swimming and Diving Illustrated by young Stevens. A magnificent and unique Collection of Tropical Fruits, a new and very beautiful series of Dissolving Views, the new Optical Instruments, &c. Experiments with the Diver and Diving Bell, &c., &c.—Admission, One Shilling; Schools, half-price.

### PAYNE'S PATENT PROCESS FOR THE PRESERVATION AND IMPROVEMENT OF TIMBER, &c.

**PAYNE and LODGE** beg to invite the attention of Engineers, Railway Companies, Architects, and others to the above process, and to state that they are prepared to erect the necessary apparatus in any part of the United Kingdom where the quantity is sufficiently large to cover the outlay of its removal.

Further particulars can be obtained at Whitehall-Wharf Cannon-row, Westminster, or at their other stations, Fleetwood-on-Wyre, Lancashire; Wisbech, Cambridgeshire; Union-Wharf, Southampton; and Guildford, Surrey.

### TO CONTRACTORS, RAILWAY DIRECTORS, ARCHITECTS, SURVEYORS, &c.

**HUNT'S IMPROVED PATENT URINAL**, for Railway Stations, Hospitals, Public Offices, &c., wholly free from metal, and thereby any deposit of ammonia is wholly prevented, and consequent tainting of the atmosphere. It is more slightly and much more economical than any article yet introduced for its intended purpose. References given to public offices, where it may be seen fixed. "It is admirably adapted for its purpose, and cannot fail to be extensively adopted in railway stations and other places. Water is admitted through small holes all round the rim, whereby it is cleansed. It is superior to any thing of the kind yet seen, and deserves to be generally known."—*The Builder*.

Wholesale Depot, Queen's-row, Fimlico.

**WINDOW GLASS, MILLED LEAD, and COLOURS**, Pumps, Closets, Pipe, Baines, Brushes, Dry Colours, Ground disto, and all materials at the lowest wholesale prices for cash.

Sheet squares, not exceeding 15 by 10, 1d. per foot. Sheet squares, not exceeding 15 by 10, 6d. per foot. White Lead. Milled Lead cut to size. Lined Oil. Pan Baines. Turps. Plumbing, Brass. Warranted Varnishes. Work, &c.

Superior Spruce Oker, for Plasterers and Painters, at 6s. per cwt. Gilders, Print Publishers, Picture Frame and Cabinet makers supplied with patent sheet, plate, and sheet, and flatted glass of superior colour, and carefully selected. **SURVEYORS, CONTRACTORS for PUBLIC WORKS**, and the TRADE generally, sending specifications of quantities required, will receive by return of post an invoice at the very lowest cash prices. — For complete lists (priced) apply to R. COGAN, 5, Princes-street, Leicester-square, London.

Also may be had, Wholesale and Retail, **LAMP SHADES AND GAS GLASSES.**

Gas Contractors, Fitters, Glass Merchants, and others supplied with any description. Lists of nearly 60 patterns, with prices affixed, sent to any part of the Kingdom gratis.

**CLOCK MAKERS, ALABASTER FIGURE MAKERS, ARCHITECTS, MODELLERS**, and others, supplied with FRENCH ORNAMENT SHADES, for covering Models of Public Buildings, Geological Curiosities, &c., &c., of all sizes and shapes. List of Prices may be had on application. See Glasses, Striking Glasses for Nurserymen, Fish Globes and Confectioners' Glasses, &c., of every size and description.

### WRITING AND BOOK-KEEPING.

**MR. FOSTER**, author of "Prize Essay on the best Method of teaching Penmanship," "Pencilled Copy-books," "Double Entry Elucidated," and other commercial works,—continues to give lessons in **WRITING and BOOK-KEEPING**, at 161, Strand, adjoining King's College; where young gentlemen are prepared for the counting-house or government situations in a superior and expeditious manner.

The notorious inefficiency of the school-acquired knowledge of Book-keeping is attributable solely to the mode in which the art is taught. Book-keeping has hitherto been treated as a mechanical process, depending for its results upon arbitrary rules;—principles of universal application are not only kept out of view, but the learner is prevented from making such discoveries as his natural resources would have led him to!

The limits of an advertisement preclude any discussion of the merits of this system. Its main features, however, are sufficiently marked; the first object being to develop the principles upon which every plan of accounts is based, and to substitute real for mechanical progress. The initiatory exercises are varied in form and substance, so as to involve the student in a train of investigation having for its object to test the accuracy of his attainments, and to fix the knowledge firmly in his mind. He is, in fact, compelled to think and cannot proceed unless he comprehends the means and the end—the process and the result—the whole and the parts.

The writer is aware of the distrust which prevails with regard to any thing new. Nothing is more common than the cry of "Improvement!" and pretensions greater than he can claim, are daily put forth by the promulgators of "short and easy methods," with no other view than to impose upon the credulity of the unenlightened. He, however, pledges himself to prove, to the satisfaction of every candid mind, that this process leads with certainty to a knowledge of Book-keeping, utterly unattainable by any other means. It abridges the period of study, removes every difficulty in auditing accounts, and imparts a power of investigation which neither Fraud nor Error can escape.

Prospectuses may be had of Messrs. SOUTER and LAW, 131, Fleet-street; to whom reference is made.